

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|---|---|------------------|
| 1 | 2652 | (379/3,416-417,387.01-398).CCLS. | USPAT | 2003/08/07 11:20 |
| 2 | 581 | ((381/94.1-94.8).CCLS. | USPAT | 2003/08/07 11:20 |
| 4 | 3200 | ((379/3,416-417,387.01-398).CCLS.) ((381/94.1-94.8).CCLS.) | USPAT; US_PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/07 11:59 |
| 13 | 2 | ((((379/3,416-417,387.01-398).CCLS.) ((381/94.1-94.8).CCLS.)) and (echo\$cancel\$5 or "noise suppress\$3 ").ab. | USPAT; US_PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/07 12:00 |
| 14 | 0 | ((((379/3,416-417,387.01-398).CCLS.) ((381/94.1-94.8).CCLS.)) and (echo adj cancel\$5 or "noise suppress\$3 ").ab. | USPAT; US_PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/07 12:00 |
| 16 | 65 | ((((379/3,416-417,387.01-398).CCLS.) ((381/94.1-94.8).CCLS.)) and (echo adj cancel\$5).ab. | USPAT; US_PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/07 12:44 |
| 17 | 1 | ("4578543").PN. | USPAT | 2003/08/07 12:09 |
| 18 | 137 | ((((379/3,416-417,387.01-398).CCLS.) ((381/94.1-94.8).CCLS.)) and (noise and (cancel\$5 or suppress\$4)).ab. | USPAT; US_PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/07 12:44 |
| 20 | 126 | ((((379/3,416-417,387.01-398).CCLS.) ((381/94.1-94.8).CCLS.)) and (noise and (cancel\$5 or suppress\$4)).ab.) not (((379/3,416-417,387.01-398).CCLS.) ((381/94.1-94.8).CCLS.)) and (echo adj cancel\$5).ab.) | USPAT; US_PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/07 13:48 |
| 21 | 2 | (((((379/3,416-417,387.01-398).CCLS.) ((381/94.1-94.8).CCLS.)) and (noise and (cancel\$5 or suppress\$4)).ab.) not (((379/3,416-417,387.01-398).CCLS.) ((381/94.1-94.8).CCLS.)) and (echo adj cancel\$5).ab.)) and quadrature | USPAT; US_PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/07 12:52 |
| 22 | 4 | (((((379/3,416-417,387.01-398).CCLS.) ((381/94.1-94.8).CCLS.)) and (noise and (cancel\$5 or suppress\$4)).ab.) not (((379/3,416-417,387.01-398).CCLS.) ((381/94.1-94.8).CCLS.)) and (echo adj cancel\$5).ab.)) and orthogonal | USPAT; US_PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/07 12:59 |
| 23 | 15 | (((((379/3,416-417,387.01-398).CCLS.) ((381/94.1-94.8).CCLS.)) and (noise and (cancel\$5 or suppress\$4)).ab.) not (((379/3,416-417,387.01-398).CCLS.) ((381/94.1-94.8).CCLS.)) and (echo adj cancel\$5).ab.)) and polarity | USPAT; US_PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/07 15:11 |
| 25 | 19 | ((((((379/3,416-417,387.01-398).CCLS.) ((381/94.1-94.8).CCLS.)) and (noise and (cancel\$5 or suppress\$4)).ab.) not ((((379/3,416-417,387.01-398).CCLS.) ((381/94.1-94.8).CCLS.)) and (echo adj cancel\$5).ab.)) and quadrature) ((((379/3,416-417,387.01-398).CCLS.) ((381/94.1-94.8).CCLS.)) and (noise and (cancel\$5 or suppress\$4)).ab.) not ((((379/3,416-417,387.01-398).CCLS.) ((381/94.1-94.8).CCLS.)) and (echo adj cancel\$5).ab.)) and orthogonal) ((((379/3,416-417,387.01-398).CCLS.) ((381/94.1-94.8).CCLS.)) and (noise and (cancel\$5 or suppress\$4)).ab.) not ((((379/3,416-417,387.01-398).CCLS.) ((381/94.1-94.8).CCLS.)) and (echo adj cancel\$5).ab.)) and (echo adj cancel\$5).ab.)) and polarity) | USPAT; US_PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/07 13:47 |

| | | | | |
|----|-----|--|---|------------------|
| 26 | 107 | <p>((((379/3,416-417,387.01-398).CCLS.) ((381/94.1-94.8).CCLS.)) and (noise and (cancel\$5 or suppress\$4)).ab.) not (((379/3,416-417,387.01-398).CCLS.) ((381/94.1-94.8).CCLS.)) and (echo adj cancel\$5).ab.) not ((((((379/3,416-417,387.01-398).CCLS.) ((381/94.1-94.8).CCLS.)) and (noise and (cancel\$5 or suppress\$4)).ab.) not (((379/3,416-417,387.01-398).CCLS.) ((381/94.1-94.8).CCLS.)) and (echo adj cancel\$5).ab.)) and quadrature) (((((379/3,416-417,387.01-398).CCLS.) ((381/94.1-94.8).CCLS.)) and (noise and (cancel\$5 or suppress\$4)).ab.) not (((379/3,416-417,387.01-398).CCLS.) ((381/94.1-94.8).CCLS.)) and (echo adj cancel\$5).ab.)) and orthogonal) ((((((379/3,416-417,387.01-398).CCLS.) ((381/94.1-94.8).CCLS.)) and (noise and (cancel\$5 or suppress\$4)).ab.) not (((379/3,416-417,387.01-398).CCLS.) ((381/94.1-94.8).CCLS.)) and (echo adj cancel\$5).ab.)) and polarity)) "adaptive line enhancer"</p> | USPAT; US_PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/07 14:25 |
| 30 | 49 | | USPAT; US_PGPUB; EPO; JPO; DERWENT; IBM TDB | 2003/08/07 15:12 |

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|---|---|------------------|
| 4 | 8 | (US-4539689-\$ or US-4630305-\$ or US-5398286-\$ or US-4791390-\$ or US-5192918-\$ or US-5710996-\$ or US-RE35867-\$ or US-5896452-\$).did. | USPAT | 2003/08/07 17:35 |
| 7 | 2 | ((US-4539689-\$ or US-4630305-\$ or US-5398286-\$ or US-4791390-\$ or US-5192918-\$ or US-5710996-\$ or US-RE35867-\$ or US-5896452-\$).did.) and quadrature | USPAT | 2003/08/07 17:44 |
| 8 | 0 | ((US-4539689-\$ or US-4630305-\$ or US-5398286-\$ or US-4791390-\$ or US-5192918-\$ or US-5710996-\$ or US-RE35867-\$ or US-5896452-\$).did.) and quadrature | USPAT | 2003/08/07 17:43 |
| 10 | 1720 | ((US-4539689-\$ or US-4630305-\$ or US-5398286-\$ or US-4791390-\$ or US-5192918-\$ or US-5710996-\$ or US-RE35867-\$ or US-5896452-\$).did.) and orthogonal (quadrature) and noise.ab. and (receiv\$3 terminal).ab. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/07 17:48 |
| 11 | 1574 | ((quadrature) and noise.ab. and (receiv\$3 terminal).ab.) and signal.ab. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/07 17:48 |
| 12 | 583 | ((quadrature) and noise.ab. and (receiv\$3 terminal).ab.) and signal.ab.) and (iterative adapt\$5) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/07 17:49 |
| 13 | 246 | ((quadrature) and noise.ab. and (receiv\$3 terminal).ab.) and signal.ab.) and noise.ti. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/07 17:49 |
| 14 | 36 | ((quadrature) and noise.ab. and (receiv\$3 terminal).ab.) and signal.ab.) and interference.ti. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/07 17:49 |

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|--|---|------------------|
| 4 | 3 | echo.ab. and cancel.ab. and (quadrature and matrix) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/07 10:56 |
| 7 | 2 | (iterative and matrix and quadrature and in\$phase).ab. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/07 09:53 |
| 10 | 4 | iterative same matrix same quadrature | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/07 10:21 |
| 15 | 18 | iterative same quadrature same magnitude same phase | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/08/07 10:22 |
| 16 | 2652 | (379/3,416-417,387.01-398).CCLS. | USPAT | 2003/08/07 10:57 |
| 17 | 581 | (381/94.1-94.8).CCLS. | USPAT | 2003/08/07 10:58 |
| 19 | 0 | ("4and7and10and15").PN. | USPAT | 2003/08/07 10:59 |
| 20 | 1 | ("0471015").PN. | USPAT | 2003/08/07 10:59 |
| 21 | 19 | (echo.ab. and cancel.ab. and (quadrature and matrix)) ((iterative and matrix and quadrature and in\$phase).ab.) (iterative same matrix same quadrature) (iterative same quadrature same magnitude same phase) | USPAT | 2003/08/07 10:59 |
| 22 | 3200 | ((379/3,416-417,387.01-398).CCLS.) or ((381/94.1-94.8).CCLS.) | USPAT | 2003/08/07 10:59 |
| 24 | 3200 | ((((379/3,416-417,387.01-398).CCLS.) or ((381/94.1-94.8).CCLS.)) not ((echo.ab. and cancel.ab. and (quadrature and matrix)) ((iterative and matrix and quadrature and in\$phase).ab.) (iterative same matrix same quadrature) (iterative same quadrature same magnitude same phase)) | USPAT | 2003/08/07 11:00 |